

10/91/00
PTO
996003-19-01
APlease type a plus sign (+) inside this box → Approved for use through 10/31/2002. OMB 0651-0032
U S Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.UTILITY
PATENT APPLICATION
TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. I-2-158.1US

First Inventor Mirsa et al.

Title EFFICIENT SPREADER FOR SPREAD SPECTRUM
COMMUNICATION SYSTEMS

Express Mail Label No. EL722983217

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. Applicant claims small entity status.
See 37 CFR 1.27.
3. Specification [Total Pages 24]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. Drawing(s) (35 U.S.C. 113) [Total Sheets 13]
5. Oath or Declaration [Total Pages 3]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 17 completed)
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
 - c. Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s))
10. 37 CFR 3.73(b) Statement Power of (when there is an assignee) Attorney
11. English Translation Document (if applicable)
12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. Other: Communication Under Rule 1.53(b)
.....

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation Divisional Continuation-in-part (CIP) of prior application No. _____ / _____

Prior application information

Examiner _____

Group / Art Unit _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number or Bar Code Label	24374 (Insert Customer No. or Attach bar code label here)		<input type="checkbox"/> or <input type="checkbox"/> Correspondence address below
Name	VOLPE AND KOENIG, P.C. DEPT ICC		
Address			
City	State	Zip Code	
Country	Telephone	Fax	
Name (Print/Type)	Gerald B. Halt, Jr., Esquire		Registration No. (Attorney/Agent) 37,633
Signature			Date 3/16/01

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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03/16/01

10/91/01
U.S. PTO
960 J

Express Mail Label No. EL722983217

Volpe and Koenig, P.C. Revision of

PTO/SB/17 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT **(\$)** **710**

Complete if Known

Application Number	Not Yet Known
Filing Date	Not Yet Known
First Named Inventor	Misra et al.
Examiner Name	Not Yet Known
Group Art Unit	Not Yet Known
Attorney Docket No.	I-2-158.1US

METHOD OF PAYMENT

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number **09-0435**
Deposit Account Name **InterDigital Comm. Corp.**

Charge Any Deficiency or Credit any Overpayment in the Total Fees Associated with this Communication

Applicant claims small entity status.
See 37 CFR 1.27

2. **Payment Enclosed:**

Check Credit card Money Order Other

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	
105	130	205	65
127	50	227	25
139	130	139	130
147	2,520	147	2,520
112	920*	112	920*
113	1,840*	113	1,840*
115	110	215	55
116	390	216	195
117	890	217	445
118	1,390	218	695
128	1,890	228	945
119	310	219	155
120	310	220	155
121	270	221	135
138	1,510	138	1,510
140	110	240	55
141	1,240	241	620
142	1,240	242	620
143	440	243	220
144	600	244	300
122	130	122	130
123	50	123	50
126	180	126	180
581	40	581	40
146	710	246	355
149	710	249	355
179	710	279	355
169	900	169	900
Other fee (specify) _____			

SUBTOTAL (1) (\$) **710**

2. EXTRA CLAIM FEES

Total Claims	-	Extra Claims	Fee from below	Fee Paid
20	- 23	*10	x 18	=0
3	- 3	*10	x 80	=0
Multiple Dependent				=0

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description
103	18	203
102	80	202
104	270	204
109	80	209
110	18	210
Claims in excess of 20		
Independent claims in excess of 3		
Multiple dependent claim, if not paid		
** Reissue independent claims over original patent		
** Reissue claims in excess of 20 and over original patent		

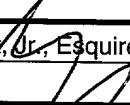
SUBTOTAL (2) (\$) **0**

*or number previously paid, if greater; For Reissues, see above

*Reduced by Basic Filing Fee Paid **SUBTOTAL (3) (\$)** **0**

SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Gerald B. Halt, Jr., Esquire	Registration No. (Attorney/Agent)	37,633	Telephone	215-568-6400
Signature				Date	3/16/01

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the **PATENT APPLICATION** of:

Misra et al.

Application No.: Not Yet Known**Filed:** Not Yet KnownFor: EFFICIENT SPREADER FOR SPREAD
SPECTRUM COMMUNICATION SYSTEMS

Group: Not Yet Known

Examiner: Not Yet Known

Our File: I-2-158.1US

Date: March 16, 2001

COMMUNICATION UNDER RULE 37 C.F.R. § 1.53(b)

Box PATENT APPLICATION

Commissioner for Patents

Washington, D.C. 20231

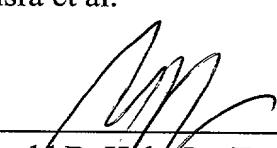
Sir:

The purpose of this Communication is to advise the Office that the above-identified application is being filed pursuant to 37 C.F.R. § 1.53(b) with an unsigned Declaration and Power of Attorney. It is respectfully requested that the application be granted a filing date of even date with this Communication.

Respectfully submitted,

Misra et al.

By _____



Gerald B. Hall, Jr., Esquire
Registration No. 37,633
(215) 568-6400

Volpe and Koenig, P.C.
Suite 400, One Penn Center
1617 John F. Kennedy Boulevard
Philadelphia, PA 19103
GBH/kag